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NOTICE OF ALLOWANCE AND FEE(S) DUE

43471

7590

07/21/2010

Motorola, Inc.
Law Department
1303 East Algonquin Road
3rd Floor
Schaumburg, IL 60196

EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT

PAPER NUMBER

2436

DATE MAILED: 07/21/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/067,610	02/04/2002	Rafic Shamsanof	D02684	5884

TITLE OF INVENTION: METHOD AND SYSTEM FOR PROVIDING THIRD PARTY AUTHENTICATION OF AUTHORIZATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/21/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

43471 7590 07/21/2010
 Motorola, Inc.
 Law Department
 1303 East Algonquin Road
 3rd Floor
 Schaumburg, IL 60196

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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10/067,610	02/04/2002	Rafic Shamsaouf	D02684	5884
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TITLE OF INVENTION: METHOD AND SYSTEM FOR PROVIDING THIRD PARTY AUTHENTICATION OF AUTHORIZATION

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nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/21/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
PARTHASARATHY, PRAMILA	2436	713-182000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 512 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 512 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

10/067,610

Applicant(s)

SHAMSAASEF ET AL.

Examiner

PRAMILA PARTHASARATHY

Art Unit

2436

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to supplemental amendment filed on 7/12/2010.
2. ☒ The allowed claim(s) is/are 1,3,5-15 and 17-20; renumbered as 1-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Pramila Parthasarathy/
Primary Examiner, Art Unit 2436

Terminal Disclaimer

The terminal disclaimer filed on 5/24/2010 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of Patents 6,792,534; 7,231,663; 7,243,366 and 7,421,083 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Allowable Subject Matter

Amended Claims 1, 3, 5 – 15 and 17 – 20 are allowed and renumbered as 1 – 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Stewart M. Wiener (Registration Number 46,201) on July 12, 2010.

In the claim:

1. **(Amended)** A communication authorization method, comprising:
a third party server receiving a request for access information to access content;
generating the access information and session rights to access the desired content from
a first application server;

generating authentication of the access information and session rights using a first
service ticket to the first application server, wherein the first service ticket is obtained from a key
distribution center (KDC), wherein the KDC is a separate entity from the first application server;
and

sending the access information, session rights and authentication to a client, whereby
the client presents the access information, session rights and authentication to the first
application server to be authorized to receive the desired content from the first application
server;

the method further comprising:

the first application server receiving a key request including the access information and
authentication;

extracting the access information and authentication;

verifying the authentication of the access information using the first service ticket, and
client authorization; and

issuing a key reply if the authentication of the access information and client authorization
are verified.

2. **(Canceled)**

3. **(Previously presented)** The method as claimed in claim 1, further comprising:
encrypting at least a portion of the session rights using a third party server session key
for the first application server.

4. **(Canceled)**

5. **(Previously presented)** The method as claimed in claim 1, further comprising:
requesting a ticket granting ticket (TGT ticket);
receiving a TGT ticket;
requesting the first party server service ticket for the first application server; and
receiving the first party server service ticket for the first application server.
6. **(Amended)** The method as claimed in claim 1, further comprising:
~~the first application server receiving a key request including the access information and authentication;~~
~~extracting the access information and authentication;~~
~~verifying the authentication of the access information using the first service ticket, and~~
~~client authorization;~~
~~issuing a key reply if the authentication of the access information and client authorization are verified;~~
the KDC receiving a second service ticket request from a client for the first application server;
issuing a second service ticket for the first application server; and
the step of the first application server receiving a key request from a client wherein the key request includes the second service ticket.
7. **(Previously presented)** The method as claimed in claim 6, further comprising:
a client generating a key request including the access information and the authentication;
sending the key request to the first application server; and
receiving the key reply (KEY_REP) if the authentication of the access information and client authorization are verified by the first application server.
8. **(Currently amended)** A method for verifying authorization for a client to gain access to content and/or services, comprising:
receiving a key request from a client;
extracting third party server access information, session rights and third party server authentication from the key request;

verifying an authentication of the third party access information, session rights and a client authorization;

issuing a key reply directly to the client if the authentication of the third party access information, session rights and the client authorization are verified;

~~the KDC receiving, in a key distribution center (KDC), wherein the KDC is a separate entity from an application server,~~ a second service ticket request from a client for the application server;

issuing a second service ticket for the application server; and

the step of the application server receiving a key request from a client wherein the key request includes the second service ticket.

9. **(Previously presented)** The method as claimed in claim 8, further comprising:
authenticating the third party server access information using the third party server authentication.

10. **(Previously presented)** The method as claimed in claim 9, wherein the authenticating includes extracting a first service ticket and authenticating the third party server access information using the first service ticket.

11. **(Previously presented)** The method as claimed in claim 8, wherein the extracting the third party server authentication, further comprising the steps of extracting a session key from the first party ticket included in the key request; and the step of authenticating the access information includes verifying a third party server signature using the session key.

12. **(Previously presented)** The method as claimed in claim 11, wherein the extracting the session key includes decrypting at least a portion of the first party ticket included in the key request using the first application server service key and extracting the session key.

13. **(Previously presented)** The method as claimed in claim 5, further comprising:
the third party server receiving a request for the access information to access content;
generating the third party server access information to access the desired content from a first application server; and

generating the third party server authentication of the access information.

14. **(Previously presented)** The method as claimed in claim 13, wherein the generating the third party server authentication includes incorporating a first party server service ticket for the first application server.

15. **(Previously presented)** The method as claimed in claim 14, wherein the generating the authentication includes generating a signature utilizing a session key of the first party server service ticket.

16. **(Canceled)**

17. **(Currently amended)** A method for providing secure communication when distributing services, comprising:

- a third party server receiving a selection for services;
- issuing access information and session rights for the services;
- issuing authentication of the access information and the session rights;
- an application server receiving a key request from a client, the key request including the access information and authentication;
- extracting the access information and authentication;
- verifying an authentication of the access information, session rights and a client authorization utilizing, at least in part, a first service ticket; and
- issuing a key reply directly to a client if the authentication of the access information, session rights and the client authorization are verified.

18. **(Previously presented)** The method as claimed in claim 17, further comprising:
a KDC receiving a first service ticket request from a third party server for the first application server;

- the KDC issuing the first service ticket to the third party server for the first application server; and

- the steps of the third party server issuing access information and authentication including generating the access information and authentication using the first service ticket.

19. **(Previously presented)** The method as claimed in claim 17, further comprising:
the KDC receiving a second service ticket request from a client for the first application server;
issuing a second service ticket for the first application server; and
the step of the application server receiving a key request from a client wherein the key request includes the second service ticket.

20. **(Previously presented)** The method as claimed in claim 17, wherein: the verifying the authentication of the access information includes:
extracting the first service ticket;
decrypting the first service ticket;
extracting a session key from the first service ticket;
generating a signature using the session key; and
verifying the signature over the access information with the session key.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRAMILA PARTHASARATHY whose telephone number is (571)272-3866. The examiner can normally be reached on 8:00a.m. to 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Pramila Parthasarathy/
Primary Examiner, Art Unit 2436